

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

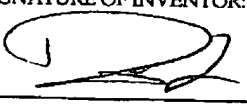
TI Docket No

TI-35082

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

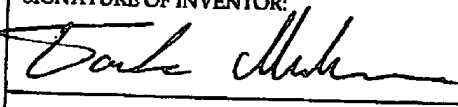
TITLE OF INVENTION: Channel Norm-Based Ordering And Whitened Decoding For MIMO Communication Systems		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Practitioners at Customer No. 23494		
SEND CORRESPONDENCE TO: Texas Instruments Incorporated P.O. Box 655474 MS 3999 Dallas, TX 75265 Attention: Peter P. Hernandez		DIRECT TELEPHONE CALLS TO: Peter P. Hernandez (972) 917-5455 (972) 917-4418 Fax
NAME OF INVENTOR: (1) David J. Love	NAME OF INVENTOR: (2) Srinath Hosur	NAME OF INVENTOR: (3) Anuj Batra
RESIDENCE & POST OFFICE ADDRESS: 718 Royal Birkdale Garland, TX 75044	RESIDENCE & POST OFFICE ADDRESS: 8800 Canyonlands Dr. Plano, TX 75025	RESIDENCE & POST OFFICE ADDRESS: 8729 Southwestern Blvd. #1504 Dallas, TX 75206
COUNTRY OF CITIZENSHIP: United States of America	COUNTRY OF CITIZENSHIP: India	COUNTRY OF CITIZENSHIP: United States of America
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
DATE: 8-19-03	DATE:	DATE:

TI Docket No
TI-35082

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: Channel Norm-Based Ordering And Whitened Decoding For MIMO Communication Systems		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Practitioners at Customer No. 23494		
SEND CORRESPONDENCE TO: Peter P. Hernandez Reg. No. 35,190		DIRECT TELEPHONE CALLS TO: Peter P. Hernandez (972) 917-5455 (972) 917-4418 Fax
NAME OF INVENTOR: (1) Tarik Muharemovic	NAME OF INVENTOR: (2) Eko N. Onggosanusi	NAME OF INVENTOR: (3)
RESIDENCE & POST OFFICE ADDRESS: 430 East Buckingham Rd #235 Richardson, TX 75081	RESIDENCE & POST OFFICE ADDRESS: 1430 McClure Drive Allen, TX 75013	RESIDENCE & POST OFFICE ADDRESS:
COUNTRY OF CITIZENSHIP: Bosnia	COUNTRY OF CITIZENSHIP: Indonesia	COUNTRY OF CITIZENSHIP:
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
DATE: 08/19/2003	DATE:	DATE: